



Advancing the Power of the Sun

PERC Technology

72 Cell Mono
365-385W

BVM6612M-PERC

0~+5W

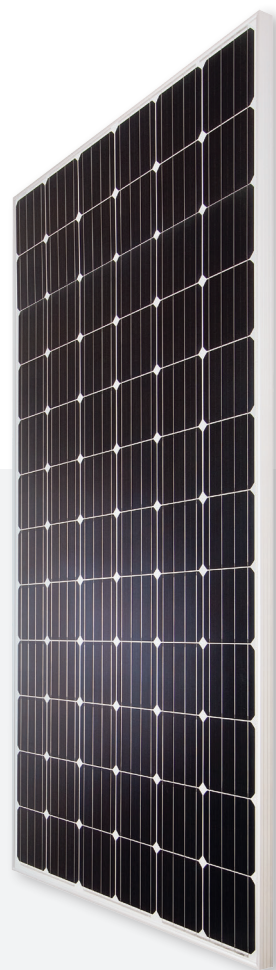
Power Tolerance

19.8%

Maximum Efficiency

365-385W

Power Output Range



High Quality and Reliable Modules

- ◆ Withstand up to 5400 Pa snow load and 2400 Pa wind load
- ◆ 1000V DC (UL) / 1500V DC (UL) certified
- ◆ 2 EL inspections per cell/module for defect-free consistency
- ◆ Type 1 fire-rating per UL 1703 edition 3
- ◆ High salt and ammonia resistance certified by TUV Rheinland
- ◆ 0~+5 W guaranteed positive tolerance
- ◆ Rugged design for long-term durability; passed extended reliability tests



Warranty

- ◆ 12-year product warranty
- ◆ 25-year linear power output warranty



Comprehensive Certificates for Products and Management

- ◆ UL 1703, IEC 61215, IEC 61730, CEC listed, MCS and CE
- ◆ ISO 9001 for Quality Management Systems
- ◆ ISO 14001 for Environmental Management Systems
- ◆ ISO 18001 Occupational Health and Safety Systems

39.06 x 77.01 Inches

Silver Frame / White Backsheet



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Electrical Characteristics STC					
	BVM6612M-365	BVM6612M-370	BVM6612M-375	BVM6612M-380	BVM6612M-385
Maximum Power (Pmax)	365W	370W	375W	380W	385W
Maximum Power Current (Imp)	9.39A	9.49A	9.57A	9.65A	9.73A
Maximum Power Voltage (Vmp)	38.9V	39.0V	39.2V	39.4V	39.6V
Short Circuit Current (Isc)	9.94A	10.04A	10.11A	10.19A	10.26A
Open Circuit Voltage (Voc)	47.6V	47.7V	48.0V	48.3V	48.5V
Module Efficiency	18.8%	19.1%	19.3%	19.6%	19.8%
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W
STC: AM1.5, Irradiance 1000W/m², 25°C					
Electrical Characteristics NOCT					
	BVM6612M-365	BVM6612M-370	BVM6612M-375	BVM6612M-380	BVM6612M-385
Maximum Power (Pmax)	269W	273W	277W	280W	284W
Maximum Power Current (Imp)	7.50A	7.57A	7.63A	7.70A	7.76A
Maximum Power Voltage (Vmp)	35.9V	36.1V	36.3V	36.5V	36.7V
Short Circuit Current (Isc)	7.98A	8.05A	8.10A	8.17A	8.23A
Open Circuit Voltage (Voc)	44.0V	44.3V	44.6V	44.9V	45.0V
NOCT: AM1.5, Irradiance 800W/m², 20°C, Wind speed 1m/s					
Mechanical Characteristics			Thermal Characteristics		
Solar Cell	Monocrystalline 6.14 x 6.14 inch, 72 (6 x 12) pcs. in series		Pmax Temperature Coefficient		-0.40%/K
Glass	High transparency, low iron, tempered glass 4 mm (0.16 inch)		Voc Temperature Coefficient		-0.31%/K
Frame	Anodized aluminum alloy		Isc Temperature Coefficient		+0.06%/K
Junction Box	IP67 rated, with 3 bypass diode		NOCT		113±3.6°F
Output Cable	4 mm² (EU)/12 AWG (US), 43.30/47.244 inch				
Connector	MC4 compatible				
Dimension	77.01 x 39.06 x 1.57 inch				
Weight	58.42 lb				
Maximum Ratings			Packing Information		
Operating Temperature	-40°F~185°F		Pieces per pallet		26
Maximum Series Fuse Rating	15A		Pallets per container (40HQ)		24
Maximum System Voltage	1000V DC / 1500V DC		Pieces per container (40HQ)		624
			Pallet weight/size 1671.1 lb/78.41 x 44.49 x 45.08 inch		

